

**Name:**

**Math 2**

**Date:**

**Practice Quiz 8-A**

1. In a group of 50 students, including Kaylie, 31 are taking Biology, 21 are taking Chemistry, and 9 are not taking either course.

a) Put this information into a two-way table.

b) Put this information into a Venn diagram.

2. Five of the 50 students are selected at random. Express the probability of the following as unreduced fractions.

a) The first student selected is taking Biology.

b) Kaylie is one of the students who gets selected.

b) The second student selected is taking Chemistry.

d) Kaylie is not one of the students who gets selected.

e) The first student selected is taking Biology or Chemistry.

f) The first Biology student selected is also taking Chemistry.

g) The first student selected is taking Biology but not Chemistry.

h) The first student selected is taking Biology, given the fifth student is not.

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